

#### PROGRESS REPORT NO. 6

Dayco Corporation/L.E. Carpenter Superfund Site Borough of Wharton, Morris County, New Jersey

Date: September 22, 2010

To: Ms. Patricia Simmons-Pierre (USEPA RPM)

cc: Ms. Frances M. Zizila (USEPA Site Attorney)

Mr. Glenn Savary (NJDEP Case Manager) Mr. Ernie Schaub (LEC Project Manager) Mr. Richard Hahn (LEC Assistant Secretary)

From: Nick Clevett (RMT Project Coordinator)

**Site ID:** NJD002168748

Subject: Dayco Corporation/L.E. Carpenter Superfund Site

Site Progress Report No. 6

This progress report is submitted in compliance with Section XV (Para. 61) of the Unilateral Administrative Order (UAO) dated August 6, 2009. This progress report covers the period between June 19, 2010 and September 17, 2010. The updated UAO/SOW Compliance Tracking Table and Master Project Schedule are attached.

- 1. Actions taken to comply with the UAO during this period. The following actions were completed:
  - Submitted the RAR Addendum for USEPA review on July 20, 2010 documenting the MW19HS1 soil remediation. As outlined in Action Item 21a UAO/SOW Compliance Tracking Table, USEPA will perform a final inspection of the MW19HS1 area soil remediation during their review of the RAR Addendum as outlined in the USEPA email dated May 13, 2010.
  - Received the NJDEP Division of Land Use Regulation (DLUR) Flood Hazard Area (FHA) permit on August 19, 2010 for installation of "structures" (observation wells and utilities) in the site defined FHA to facilitate the bioremediation pilot test near the MW-30 well cluster.
  - Recorded the FHA permit with Morris County on September 9, 2010, and faxed a copy of the County stamped FHA permit to NJDEP DLUR as required by FHA permit Standard Condition No. 2.
  - Performed the 2<sup>nd</sup> 2010 semiannual wetland area monitoring and invasive species control event on September 7 and 8, 2010.
  - Submitted the 2Q 2010 Monitoring Report on August 18, 2010.
  - Conducted the 3Q 2010 monitoring event between August 23 and 26, 2010.



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- 2. Results of sampling, tests and all other data received and not previously submitted to EPA.
  - All confirmatory samples collected as part of the MW19HS1 soil remediation were submitted with the RAR Addendum.
  - All 2Q 2010 monitoring results were submitted in the 2Q 2010 Monitoring Report dated May 11, 2010.
- 3. All work planned for the next 12 months is as follows:
  - Revise and submit an RA Work Plan Addendum No. 2 incorporating all USEPA comments on the MW19HS1 and MW30 areas scopes of work, and all permits and associated requirements.
  - Revise and resubmit the UFP-QAPP.
  - Prepare and submit a Community Involvement Plan (CIP).
  - Complete the MW-30 area remedial investigation (RI) and document the investigation and the remedial approach in Final RA Work plan Addendum.
  - Complete the MW-30 bioremediation pilot study.
  - Prepare and submit progress reports.
  - Perform the 4Q 2010 monitoring and reporting event.
  - Prepare and submit the annual (2010) GP-4 required Wetland Annual monitoring Report.
- Problems encountered and any anticipated problems or delays and solutions to address actual or anticipated delays.
  - An additional Hydroseed overspray was performed in the MW19HS1 area on May 28, 2010 due to flooding then a period of dry weather. A second Hydroseed overspray is tentatively scheduled in Oct 2010 when the weather is more conducive for grass germination and growth in areas without an irrigation system.

# DAYCO CORPORATION/L.E. CARPENTER AND COMPANY SUPERFUND SITE USEPA UAO AND SOW ACTION ITEM CHECKLIST

| ACTION ITEM<br># | COMPLETION TIMEFRAME<br>(Calendar Days from UAO<br>Effective Date)      | ACTION ITEM DUE<br>DATE | OVERALL ACTION ITEMS - UAO Section Heading (associated paragraph reference) (3)(4)  | RESPONSIBLE<br>PARTY | ACTION ITEM<br>COMPLETED | COMPLETED BY       | COMPLETED WHEN           |
|------------------|---|-------------------------|---|----------------------|--------------------------|--------------------|--------------------------|
| 1                | -   | 08/06/09                | Effective Date of the USEPA UAO and SOW   | USEPA                | ✓                        | USEPA/LEC/RMT      | 08/06/09                 |
| 2                | 7 days  | 08/13/09                | Notice of Intent to Comply (paragraph 34): Respondent shall provide written notice to EPA's Remedial Project Manager and Assistance Regional Counsel for the Site stating whether it will comply with the terms of the Order.   | LEC                  | 4                        | LEC                | 08/13/09                 |
| 3                | 5 days - or on day services<br>retained, whichever date<br>occurs later | TBD                     | Parties Bound (paragraph 36): Respondent shall provide a copy of Order to each contractor, subcontractor, laboratory, or consultant retained to perform any work under the Order within 5 days of the effective date of the Order, or on the date services are retained, whichever date occurs later.   | RMT and LEC          | 4                        | RMT and LEC        | Real Time <sup>(5)</sup> |
| 4                | 5 days - following receipt of approved errata sheet or amended UAO (1)  | 09/14/09                | s Bound (paragraph 37): With respect to real property Respondent owns within the site, record a copy of the in the appropriate governmental office where land ownership and transfer records are filed or recorded. Ensure cording of the Order is indexed to the title of Respondent's real property at the Site.  |                      | 4                        | LEC                | 09/28/09                 |
| 5                | 7 days <sup>(2)</sup>   | 08/13/09                | Work to be Performed (paragraph 40): Identify a Supervising Contractor and submit a copy of their Quality Management Plan (QMP).  | RMT                  | ✓                        | RMT                | 08/10/09                 |
| 6                | 7 days <sup>(2)</sup>   | 08/13/09                | Work to be Performed (paragraph 41): Identify a Project Coordinator.  | RMT                  | ✓                        | RMT                | 08/10/09                 |
| 7                | 5 days - following completion of Action Item #4 above                   | 09/19/09                | ties Bound (paragraph 37): Send notice to EPA after making recording and indexing stated in action item #4 above  |                      | *                        | RMT <sup>(7)</sup> | 12/11/09                 |
| 8                | By the 8th of every month   | 09/08/09                | Progress Reports (paragraph 61): 1st Monthly Progress Report Draft to LEC   | RMT                  | RMT ✓                    |                    | 8th of each month        |
| 9                | 30 days   | 09/05/09                | Assurance of Ability to Complete Work (paragraph 81): Demonstrate ability to complete the Work required by this Order and to pay all claims that arise from the performance of the Work (Financial Assurity). EPA added as a beneficiary on Letter of Credit.   | LEC                  | 4                        | LEC                | Nov-2009                 |
| 10               | 30 days   | 09/05/09                | SOW - IV. Remedial Action (letter B): Submit an addendum to the NJDEP approved "Remedial Action Work Plan for Source Reduction", RMT, Inc., 2004.   | RMT                  | <b>4</b>                 | RMT                | 09/03/09                 |
| 11               | By the 10th of every month  | 09/10/09                | Progress Reports (paragraph 61): Provide monthly progress reports with actions and activities undertaken pursuant to this Order. Must be submitted on or before the 10th day of each month. Monthly Progress Report Final to EPA [pdf electronic is acceptable]. 1st Progress Report submitted 09/09/09   | RMT                  | *                        | RMT                | 10th of each month       |
| 12               | 60 days   | 10/05/09                | Access to Site Not Owned by Respondent (paragraph 72): Obtain site access agreements from parties other than those bound by this Order to provide access for EPA, its contractors and oversight officials, the state and its contractors, and Respondent and Respondent's authorized representatives and contractors (6)  | LEC                  | 1                        | LEC                | 2005                     |
| 13               | 90 days   | 11/04/09                | Record Preservation (paragraph 78): Respondent shall submit a written certification to EPA's RPM and Site Attorney that it has not altered, mutilated, discarded, destroyed or otherwise disposed of any records, documents, or other information relating to its potential liability with regard to the site since notification of potential liability by the United States or the State or the filing of suit against it regarding the Site.                                  | LEC                  | 4                        | LEC                | 11/27/09                 |
| 14               | 45 days   | 10/22/09                | SOW: EPA review and approval of the 2004 RAWP Addendum [assume 45 calendar days]  | USEPA                | ✓                        | USEPA              | 12/30/09                 |
| 15               | 15 days following EPA<br>approval in item #14                           | 01/14/10                | SOW - IV. Remedial Action (letter A): Respondent shall notify EPA in writing the name & qualifications of the construction contractor(s) proposed to perform the Work and submit a copy of their QMP. If EPA disapproves the selection of any contractor, Respondent shall submit a list of contractors that would be acceptable w/in 15 days of receipt of EPA's disapproval. Per phone conference on 8/3/09 only RMT and Analytical Laboratories are required to submit QMPs. | LEC and RMT          | 4                        | RMT                | 01/12/10                 |
| 16               | 7 days prior to commencing<br>work                                      | 01/04/10                | Assurance of Ability to Complete Work (paragraph 82): Submit to EPA certification that Respondent or its contractors and subcontractors have adequate insurance coverage or have indemnification for liabilities for injuries or damages to persons or property which may result from the activities to be conducted by or on behalf of Respondent pursuant to this Order.  | LEC and RMT          | 4                        | RMT                | 01/12/10                 |
| 17               | As outlined in the 2004 RAWP<br>Addendum Schedule                       | 01/11/10                | SOW - IV. Remedial Action (letter D): Perform RA in accordance with the final addendum to the RAWP and the associated project schedule.   | RMT                  | ✓                        | RMT                | 01/11/10                 |

| ACTION ITEM<br># | COMPLETION TIMEFRAME<br>(Calendar Days from UAO<br>Effective Date)  | ACTION ITEM DUE<br>DATE | SOIL REMEDIAL ACTION ITEMS (MW19HS1)   |             | ACTION ITEM<br>COMPLETED | COMPLETED BY | COMPLETED WHEN             |
|------------------|---|-------------------------|--|-------------|--------------------------|--------------|----------------------------|
|                  | MW19HS1   | Area Soil Remedi        | RMT  | *           | RMT                      | 04/23/10     |                            |
| 18a              | 14 days prior to soil remedy completion                             | 02/23/10                | Remedial Action (UAO Paragraph 46) & SOW Section V.A.): Respondent and contractor(s) will be available to accompany EPA personnel and/or representative on a pre-final inspection in accordance with Section VI of the SOW   | LEC and RMT | <b>~</b>                 | RMT          | 2/15/10 <sup>(8) (9)</sup> |
| 19a              | 7 days prior to item #18a   | 02/16/10                | Pre-Final and Final Inspections, Soil Remedial Action Report, Notice of Construction Completion (Ref. SOW Section V.A): Respondent shall provide documentation that the Performance Standards related to the soil remedy have been met or will be met at the completion of construction.   | LEC and RMT | ✓                        | RMT          | 2/15/10 <sup>(8) (9)</sup> |
| 20a              | 14 days after completion of the construction of corrective measures | 05/07/10                | SOW - V. Pre-Final and Final Inspections, Soil Remedial Action Report, Notice of Construction Completion (second letter A): If EPA requires corrective measures following item #18, Respondent and their contractor(s) shall be available to accompany EPA or their rep. on an inspection following completion of the construction of the corrective measures. | LEC and RMT | <b>*</b>                 | RMT          | 5/13/10 <sup>(8) (9)</sup> |

# DAYCO CORPORATION/L.E. CARPENTER AND COMPANY SUPERFUND SITE USEPA UAO AND SOW ACTION ITEM CHECKLIST

| 21a | Within 21 days of completion of all work   | 05/14/10 <sup>(9)</sup> | Remedial Action (paragraph 47): Respondent shall schedule and conduct a final inspection in accordance with Section V.C of the SOW. NOTE: Final inspection will be perfromed as part of the RAR Addendum review process (Ref. Action item 22a).                 | LEC and RMT | * | USEPA | 5/13/10 <sup>(9)</sup> |
|-----|--|-------------------------|---|-------------|---|-------|------------------------|
| 22a | 45 days  | 07/30/10 <sup>(9)</sup> | Remedial Action (paragraph 48): After receipt of EPA's determination that soil remedy is complete Respondent shall submit a draft RA report that meets requirements set forth in Section V.E of the SOW. NOTE: RAR Addednum submitted July 20, 2010.            | LEC and RMT | * | RMT   | 07/20/10               |
| 23a | 14 days of completion of final field inspection/corrective action implementation | TBD <sup>(9)</sup>      | SOW - V. Pre-Final and Final Inspections, Soil Remedial Action Report, Notice of Construction Completion (letter C): Submit inspection and corrective action reports, if any, within 14 days of completion of field inspection/corrective action implementation | LEC and RMT |   |       |                        |

| ACTION ITEM<br># | COMPLETION TIMEFRAME<br>(Calendar Days from UAO<br>Effective Date)               | ACTION ITEM DUE<br>DATE | SOIL REMEDIAL ACTION ITEMS (MW-30)   | RESPONSIBLE<br>PARTY | ACTION ITEM<br>COMPLETED | COMPLETED BY | COMPLETED WHEN |
|------------------|--|-------------------------|--|----------------------|--------------------------|--------------|----------------|
|                  |  |                         | MW-30 Area Soil Remediation  | RMT                  |                          |              |                |
| 18b              | 14 days prior to soil remedy completion  | TBD                     | Remedial Action (paragraph 46): Respondent and contractor(s) will be available to accompany EPA personnel and/or representative on a pre-final inspection in accordance with Section VI of the SOW   | LEC and RMT          |                          |              |                |
| 19b              | 7 days prior to item #18b  | TBD                     | SOW - V. Pre-Final and Final Inspections, Soil Remedial Action Report, Notice of Construction Completion (letter A): Respondent shall provide documentation that the Performance Standards related to the soil remedy have been met or will be met at the completion of construction.  | LEC and RMT          |                          |              |                |
| 20b              | 14 days after completion of the construction of corrective measures              | TBD                     | SOW - V. Pre-Final and Final Inspections, Soil Remedial Action Report, Notice of Construction Completion (second letter A): If EPA requires corrective measures following item #18, Respondent and their contractor(s) shall be available to accompany EPA or their rep. on an inspection following completion of the construction of the corrective measures. | LEC and RMT          |                          |              |                |
| 20b              | Within 21 days of completion of<br>all work                                      | TBD                     | Remedial Action (paragraph 47): Respondent shall schedule and conduct a final inspection in accordance with Section V.C of the SOW   | LEC and RMT          |                          |              |                |
| 22b              | 14 days of completion of field<br>inspection/corrective action<br>implementation | TBD                     | SOW - V. Pre-Final and Final Inspections, Soil Remedial Action Report, Notice of Construction Completion (letter C): Submit inspection and corrective action reports, if any, within 14 days of completion of field inspection/corrective action implementation  | LEC and RMT          |                          |              |                |
| 23b              | 45 days  | TBD                     | Remedial Action (paragraph 48): After receipt of EPA's determination that soil remedy is complete Respondent shall submit a draft RA report that meets requirements set forth in Section V.E of the SOW  | LEC and RMT          |                          |              |                |

| ACTION ITEM<br># | COMPLETION TIMEFRAME<br>(Calendar Days from UAO<br>Effective Date) | ACTION ITEM DUE<br>DATE | GROUNDWATER MNA EVALUATION ACTION ITEMS (SITE WIDE)  | RESPONSIBLE<br>PARTY | ACTION ITEM<br>COMPLETED | COMPLETED BY | COMPLETED WHEN |
|------------------|--|-------------------------|--|----------------------|--------------------------|--------------|----------------|
| 24               | 21 days of receipt of sample results from final sampling event     |                         | SOW - VI. Groundwater Monitored Natural Attenuation Evaluation (letter B): Submit to EPA a Site-Wide Groundwater Monitored Natural Attenuation Report summarizing the results of the effort and its findings.  | RMT                  |                          |              |                |
| 25               | 10 days following EPA's request to prepare a FFS                   | TBD                     | SOW - VII. Focused Feasibility Study: If EPA determines from item #24 that MNA is a viable alternative to address contaminated groundwater at the site, EPA will request the preparation of a FFS. Respondent will submit a schedule for the preparation of the FFS to EPA within 10 days of this request. | RMT                  |                          |              |                |
| 26               | 60 days  | TBD                     | SOW - VII. Focused Feasibility Study (letter C): Submit a draft FFS report to EPA following submittal of item #25.   | RMT                  |                          |              |                |
| 27               | 30 days after item #26   |                         | SOW - VII. Focused Feasibility Study (letter C): Meet with EPA to summarize and discuss findings of the draft FFS Report and EPA's preliminary comments and concerns.  | LEC and RMT          |                          |              |                |
| 28               | 30 days after receiving EPA's written comments                     | TBD                     | SOW - VII. Focused Feasibility Study (letter C): Amend and submit a revised FFS Report.  | RMT                  |                          |              |                |

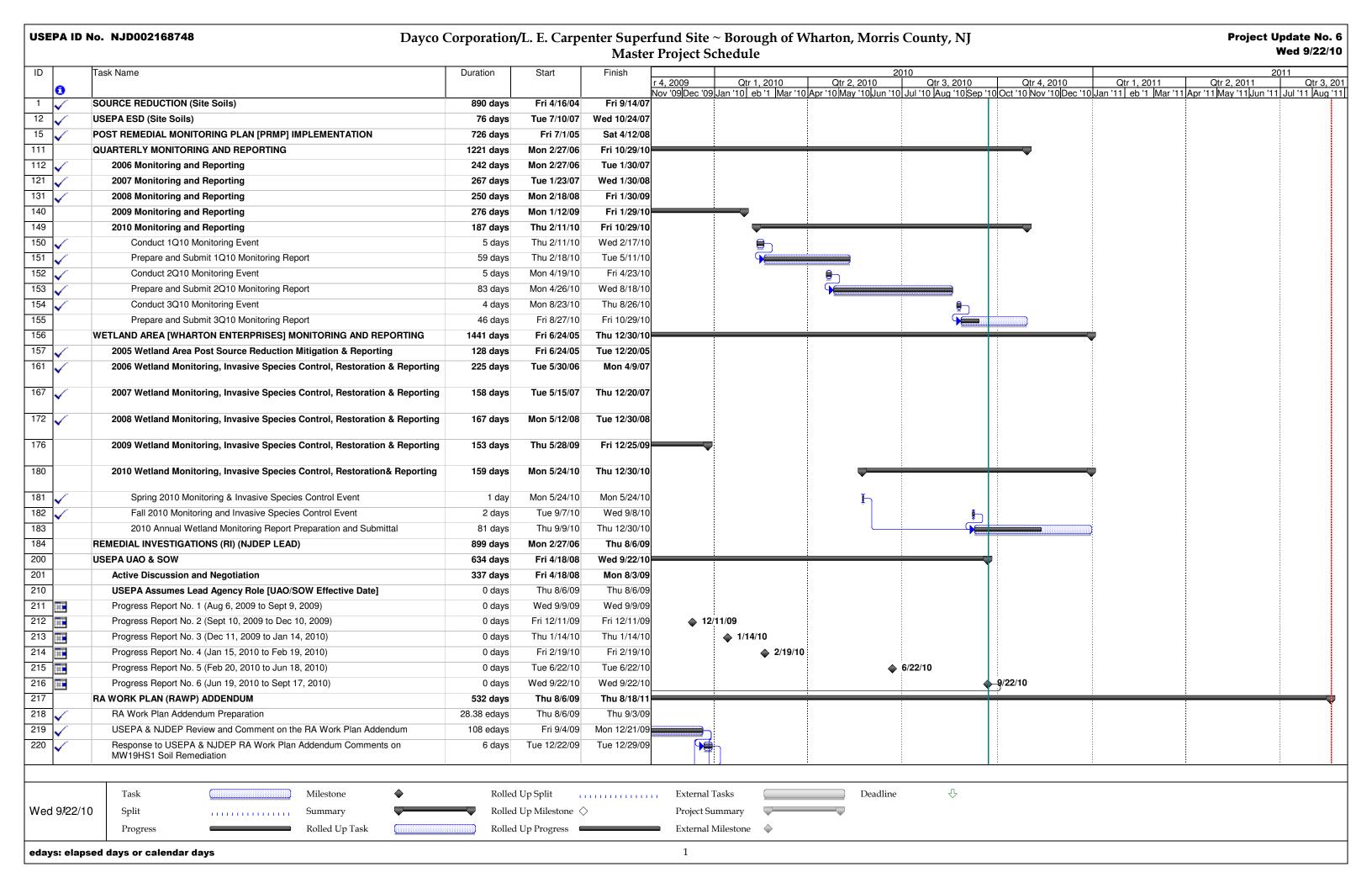
| ACTION ITEM<br># | COMPLETION TIMEFRAME<br>(Calendar Days from UAO<br>Effective Date)        | ACTION ITEM DUE<br>DATE | CONTINGENT ACTION ITEMS (SITE WIDE)   | RESPONSIBLE<br>PARTY | ACTION ITEM<br>COMPLETED | COMPLETED BY | COMPLETED WHEN |
|------------------|---|-------------------------|---|----------------------|--------------------------|--------------|----------------|
| 29               | 30 days from receipt of notice from EPA                                   | TBD                     | Failure to Attain Performance Standards (paragraph 51): If EPA determines that additional response activities are necessary to meet any applicable Performance Standards, the Respondent shall submit, for approval by EPA, a work plan for the additional response activities. | RMT                  |                          |              |                |
| 30               | 30 days from receipt of notice from EPA                                   | TBD                     | Additional Response Actions (paragraph 54): If EPA determines that additional response activities are necessary to protect human health and the environment, the Respondent shall submit a work plan for the response activities to EPA for review and approval.                | RMT                  |                          |              |                |
| 31               | 7 days after receipt of EPA's request (item #30)                          | TBD                     | Additional Response Actions (paragraph 54): If EPA determines that additional response activities are necessary to protect human health and the environment, the Respondent shall submit a work plan for the response activities to EPA for review and approval.                | RMT                  |                          |              |                |
| 32               | 21 days from receipt of<br>disapproval notice/request for<br>modification | TBD                     | EPA Review of Submissions (paragraph 59): Respondent shall correct the deficiencies and resubmit the report, plan, or other item for approval.  | RMT                  |                          |              |                |
| 33               | 5 days prior to new Project<br>Coordinator                                | TBD                     | Remedial Project Manager (paragraph 71): Provide written notice to EPA of the name and qualifications of the new Respondent Project Coordinator. Selection is subject to EPA approval.  | LEC and RMT          |                          |              |                |
| 34               | 48 hours  | TBD                     | Delay In Performance (paragraph 80): Notify EPA's RPM by telephone of anticipated delay in performing any requirement of this Order.  | LEC and RMT          |                          |              |                |

## DAYCO CORPORATION/L.E. CARPENTER AND COMPANY SUPERFUND SITE USEPA UAO AND SOW ACTION ITEM CHECKLIST

| 35 | 5 business days following item<br>#34                              | TBD      | Delay In Performance (paragraph 80): Provide written notification describing the nature and justification of the delay (described in item #34) in addition to the measure planned and taken to minimize the delay.  | LEC and RMT |  |  |
|----|--|----------|---|-------------|--|--|
| 36 | 60 days prior to transfer  | TBD      | Parties Bound (paragraph 38): Submit a true and correct copy of transfer document(s) to EPA identifying the transferee by name, principal business address and effective date of transfer.  | LEC         |  |  |
| 37 | 28 days prior to event   | TBD      | QA, Sampling and Data Analysis (paragraph 63): Notify EPA in advance of any sample collection activity.   | RMT         |  |  |
| 38 | 10 years   | 08/04/19 | Record Preservation (paragraph 77): Respondent shall preserve and retain all records and documents in its or any of their contractors possession/control that relate in any manner to the Site.   | LEC and RMT |  |  |
| 39 | 90 days prior to record or document destruction following item #38 | TBD      | Record Preservation (paragraph 77): Following the preservation period outlined in item #38, Respondent shall notify the US prior to the destruction of any such records/documents.  | LEC         |  |  |
| 40 | Prior to off-site shipments of hazardous substances                |          | Remedial Action (paragraph 45): Provide written notification to appropriate state environmental official in receiving state and to EPA's RPM (See UAO for detailed notification requirements). Does not apply when total volume of all shipments from the Site to the State will not exceed 10 cubic yards. | LEC and RMT |  |  |

#### Notes

- 1) LEC granted an extension on this date as outlined in USEPA email dated August 3, 2009. Emailed pdf copies of Amended UAO received 9/8/09
- 2) Identification of Supervising Contractor and Project Coordinator should be presented on LEC letterhead
- 3) All requirements and descriptions summarized in this column are UAO driven and referenced with the exception of those stating "SOW"
- 4) Rows shown in **Bold** are items that have been completed
- 5) This item will be completed when any contractor, subcontractor, laboratory, or consultant are retained to perform services related to completion of the Statement of Work (SOW)
- Dallas Contracting, EWMI/Rapid Response, JFNew, Trace Labs and Denis Sklar Surveying were copied on the UAO in a Jan 5, 2010 email. COIs and SOQs were requested (Ref. Item 15)
- 6) Access agreements between LEC and Air Products and Wharton Enterprises were finalized in 2005 prior to the Source Reduction Remediation
- 7) EPA notice that LEC recorded a copy of the UAO with Morris County was provided in an email from RMT dated 12/11/09 and in the November 2009 Progress Report.
- 8) Action item completed as part of Progress Report No. 4 dated Feb 15, 2010. USEPA personell on-site for inspection Feb 1 & 4, 2010 (to split excavation confirmatory soil samples)
- 9) As outlined in the USEPA email dated 5/13/10, USEPA will only perfrom a final inspection as part of the MW19HS1 RAR Addendum review process



| EPA II   | D No. NJD002168748 Dayco (  | Corporatio | n/L. E. Carp |              |            |             | Borough of W<br>nedule                  | /harton,                                       | Morris                                 | s County, NJ                            |             |                            |                     | •                        | Update No.<br>Wed 9/22/1 |
|----------|---|------------|--------------|--------------|------------|-------------|---|--|--|---|-------------|----------------------------|---------------------|--------------------------|--------------------------|
|          | Task Name   | Duration   | Start        | Finish       | r 4, 2009  |             | Qtr 1. 2010                             | Qtr 2,   |  | 2010<br>Qtr 3, 2010                     |             | Qtr 4, 2010                | Qtr 1, 2011         | Qtr 2, 2011              | 2011<br>Qtr 3, 2         |
| 0        |   |            |              |              | Nov '09 D  | ec '09 Ja   | an '10 eb '1 Mar '10                    | Apr '10 May                                    | / '10 Jun '1                           | 0 Jul '10 Aug '10 Se                    | p '10 C     | Oct '10 Nov '10 Dec '10 Ja | n '11 eb '1 Mar '11 | 1 Apr '11 May '11 Jun '1 | 1 Jul '11 Aug '1         |
| <b>~</b> | USEPA Approval of MW19HS1 Soil Remediation (RA Work Plan Addendum and Response to Comments) | 0 days     | Wed 12/30/09 | Wed 12/30/09 | )          | 199         | 12/30/09                                |  |  |   |             |                            |                     |                          |                          |
|          | Response to USEPA & NJDEP Comments on the MW-30 Investigation                               | 21 days    | Mon 1/4/10   | Mon 2/1/10   | )          | <b> </b>    | 0000000000                              |  |  |   |             |                            |                     |                          |                          |
| ~        | USEPA Approval of the MW-30 Investigation (RA Work Plan Addendum and Response to Comments)  | 14 days    | Tue 2/2/10   | Mon 2/22/10  | )          |             |   |  |  |   |             |                            |                     |                          |                          |
| · _/     | Prepare and submit RAWP Addendum No. 2  | 30 days    | Mon 9/13/10  | Fri 10/22/10 | ,          |             |   |  |  |   |             | 000000                     |                     |                          |                          |
|          | USEPA review and approval of RAWP Addendum No. 2  | 60 days    | Mon 10/25/10 | Fri 1/14/11  |            |             |   |  |  |   |             | <b>S</b>                   | <b>)</b>            |                          |                          |
| ;        | Prepare and submit Final RAWP Addendum  | 60 days    | Mon 2/28/11  | Fri 5/20/11  |            |             |   |  |  |   |             |                            |                     | <u>:</u>                 |                          |
| '        | USEPA review and approval of Final RAWP Addendum  | 90 edays   | Fri 5/20/11  | Thu 8/18/11  |            |             |   |  |  |   |             |                            |                     |                          |                          |
| 1        | COMMUNITY INVOLVEMENT PLAN (CIP)  | 304 days   | Wed 8/26/09  | Fri 10/22/10 |            |             |   | :<br>:   |  |   | +           |                            |                     |                          |                          |
|          | NJDEP Public Outreach - Sign post Compliance [NJAC 7:26E-1.4(h)&(i)4]                       | 0 days     | Mon 9/14/09  | Mon 9/14/09  |            |             |   |  |  |   |             |                            |                     |                          |                          |
|          | NJDEP Public Outreach - Sensitive Population Checklist Compliance [NJAC 7:26E-1.4(h)&(i)4]  | 0 days     | Wed 8/26/09  | Wed 8/26/09  |            |             |   |  |  |   |             |                            |                     |                          |                          |
|          | USEPA Fact Sheet No. 1  | 0 days     | Mon 11/23/09 | Mon 11/23/09 | <b>♦</b> 1 | 23/09       |   |  |  |   |             |                            |                     |                          |                          |
|          | CIP Preparation & Submittal   | 225 days   | Mon 12/14/09 | Fri 10/22/10 |            | 999999999   | 30000000000000000000000000000000000000  | i<br>  |  |   |             |                            |                     |                          |                          |
| 1        | USEPA 5-YEAR REVIEWS  | 0 days     | Thu 10/15/09 | Thu 10/15/09 | /15/09     |             |   |  |  |   |             |                            |                     |                          |                          |
| i        | QUALITY ASSURANCE PROJECT PLAN (UFP-QAPP)   | 220 days   | Mon 12/21/09 | Fri 10/22/10 |            |             |   | :<br>:   |  |   |             |                            |                     |                          |                          |
| 1        | UFP Compliant QAPP Preparation  | 220 days   | Mon 12/21/09 | Fri 10/22/10 |            | *********** |   | 5599353959553959355                            | ************************************** |   |             |                            |                     |                          |                          |
| '        | RA WORK PLAN (RAWP) ADDENDUM IMPLEMENTATION   | 660 days   | Mon 11/17/08 | Thu 5/26/11  |            |             |   | :<br>:   |  |   | ÷           |                            |                     |                          |                          |
| 1        | MW-30 AOC   | 324 days   | Mon 3/1/10   | Thu 5/26/11  |            |             | <b>—</b>                                | :<br>:   |  |   | Ħ           |                            |                     |                          |                          |
| 1        | Remedial Investigation (RI) & Pilot Test  | 324 days   | Mon 3/1/10   | Thu 5/26/11  |            |             | <u> </u>                                | :<br>:   |  |   |             |                            |                     |                          |                          |
|          | Preconstruction Permitting  | 140 days   | Mon 3/1/10   | Fri 9/10/10  |            |             | <b>_</b>                                | <u>:                                      </u> |  |   | 7           |                            |                     |                          |                          |
| <b>√</b> | Prepare and submit NJDEP DLUR FHA Permit Application  | 69 days    | Mon 3/1/10   | Thu 6/3/10   |            |             | 000000000000000000000000000000000000000 | 000000000000000000000000000000000000000        | <b></b>                                |   |             |                            |                     |                          |                          |
| <b>√</b> | NJDEP DLUR FHA Permit Review & Approval   | 76 edays   | Fri 6/4/10   | Thu 8/19/10  |            |             |   |  |  | 300000000000000000000000000000000000000 |             |                            |                     |                          |                          |
|          | NJDEP DLUR FHA Permit Issued  | 0 days     | Thu 8/19/10  | Thu 8/19/10  |            |             |   |  |  | <b>9</b> 419                            | 9/10        |                            |                     |                          |                          |
| <b>√</b> | Record FHA Permit with Morris County  | 16 days    | Thu 8/19/10  | Thu 9/9/10   |            |             |   |  |  | <b>\</b>                                | $\exists L$ |                            |                     |                          |                          |
| <b>√</b> | Send County Sealed FHA Permit to NJDEP DLUR   | 1 day      | Fri 9/10/10  | Fri 9/10/10  |            |             |   |  |  | )                                       |             |                            |                     |                          |                          |
|          | RI (Soil, Groundwater & Sediment Investigation)   | 18 edays   | Mon 2/7/11   | Fri 2/25/11  |            |             |   |  |  |   |             |                            |                     |                          |                          |
|          | Bioremediation Pilot Study  | 90 edays   | Fri 2/25/11  | Thu 5/26/11  |            |             |   |  |  |   |             |                            | 9                   |                          |                          |
| 1        | MW19HS1 AOC   | 525 days   | Mon 11/17/08 | Thu 11/18/10 |            |             |   |  |  |   | Ħ           |                            |                     |                          |                          |
| <b>✓</b> | Bldg 9 Demolition   | 289 days   | Mon 11/17/08 | Thu 12/24/09 |            |             |   |  |  |   |             |                            |                     |                          |                          |
|          | Preconstruction Permitting  | 53 days    |              | Thu 1/14/10  |            |             | <b>—</b>                                |  |  |   |             |                            |                     |                          |                          |
| )        | MW19HS1 Soil Remediation  | 196 days   | Mon 1/11/10  | Mon 10/11/10 |            | Ţ           | V                                       |  |  |   |             | ₩                          |                     |                          |                          |
| <b>√</b> | Phase I   | 55 days    | Mon 1/11/10  | Fri 3/26/10  |            | ,           |   |  |  |   |             |                            |                     |                          |                          |
|          | Phase II  | 141 days   |              | Mon 10/11/10 |            |             | <b>▼</b>                                |  |  |   |             | ₩                          |                     |                          |                          |
| <b>√</b> | Waste Load Out (Soil, Subslab Fill & Process Waste)   | 15 days    |              | Fri 4/16/10  |            |             |   | <b>9</b>                                       |  |   |             |                            |                     |                          |                          |
| <b>√</b> | Final Grade and Hydroseed   | 7 edays    |              | Fri 4/23/10  |            |             |   | <b>1</b>                                       |  |   |             |                            |                     |                          |                          |
| <b>√</b> | Hydroseed Overspray No 1  | 1 day      |              | Fri 5/28/10  |            |             |   |  |  |   |             |                            |                     |                          |                          |
|          | Hydroseed Overspray No. 2   | 1 day      |              |              |            |             |   |  | I. —                                   |   | +++         | Ņ                          |                     |                          |                          |
|          | MW19HS1 RAR Addendum  | 100 days   |              |              |            |             |   |  | 4                                      |   |             | -                          |                     |                          |                          |
| <b>√</b> | RAR Addendum preparation and submittal  | 37 days    |              | Tue 7/20/10  |            |             |   |  |  |   |             |                            |                     |                          |                          |
|          | USEPA Review and Approval   | 90 edays   | Tue 7/20/10  |              |            |             |   |  |  | <b>\</b>                                |             | <b>□</b> ┐                 |                     |                          |                          |
|          | MW19HS1 Post Remedial Groundwater Performance Monitoring                                    | 10 days    | Fri 11/5/10  | Thu 11/18/10 |            |             |   |  |  |   |             |                            |                     |                          |                          |
| !        | Install USEPA approved perfromance monitoring network                                       | 10 days    | Fr: 11/F/10  | Thu 11/18/10 |            |             |   | :  |  |   |             |                            |                     |                          |                          |

 $\hat{\mathbf{U}}$ Rolled Up Split External Tasks Task Milestone Deadline Wed 9#22/10 Split Rolled Up Milestone  $\diamondsuit$ Project Summary Summary ...... Rolled Up Progress Progress Rolled Up Task External Milestone 🔷 2 edays: elapsed days or calendar days